

CONTAINER GROWN

Richard Blase
CHIEF, DIVISION OF LAND DEVELOPMENT

9/6/00

9/5/1

<u>SYMBOL</u>	<u>DESCRIPTION</u>
BrC3	BRANDYWINE LOAM, 8% TO 15% SLOPES, SEVERELY ERODED -- TYPE C
BrD3	BRANDYWINE LOAM, 15% TO 25% SLOPES, SEVERELY ERODED -- TYPE C
CmB2	CHILLUM SILT LOAM, 1% TO 5% SLOPES, MODERATELY ERODED -- TYPE B
Fa	FALLSINGTON LOAM -- TYPE D
NeB2	NESHAMINY SILT LOAM, 3% TO 8% SLOPES, MODERATELY ERODED -- TYPE B

NOTE:

- THE EXISTING PLANT MATERIAL ON-SITE DOES NOT MEET THE REQUIREMENTS TO BE CONSIDERED A FOREST STAND. THIS PLAN IS BASED ON THE AFFORESTATION MINIMUM. FOREST CONSERVATION EASEMENT A, WHICH CONTAINS 0.46 ACRES OF AFFORESTATION, WAS ESTABLISHED TO MEET THE FOREST CONSERVATION OBLIGATIONS FOR THIS PROPERTY. FINANCIAL SURETY IN THE AMOUNT OF \$6,011.28 WAS PROVIDED AS PART OF THE DPW DEVELOPER'S AGREEMENT.

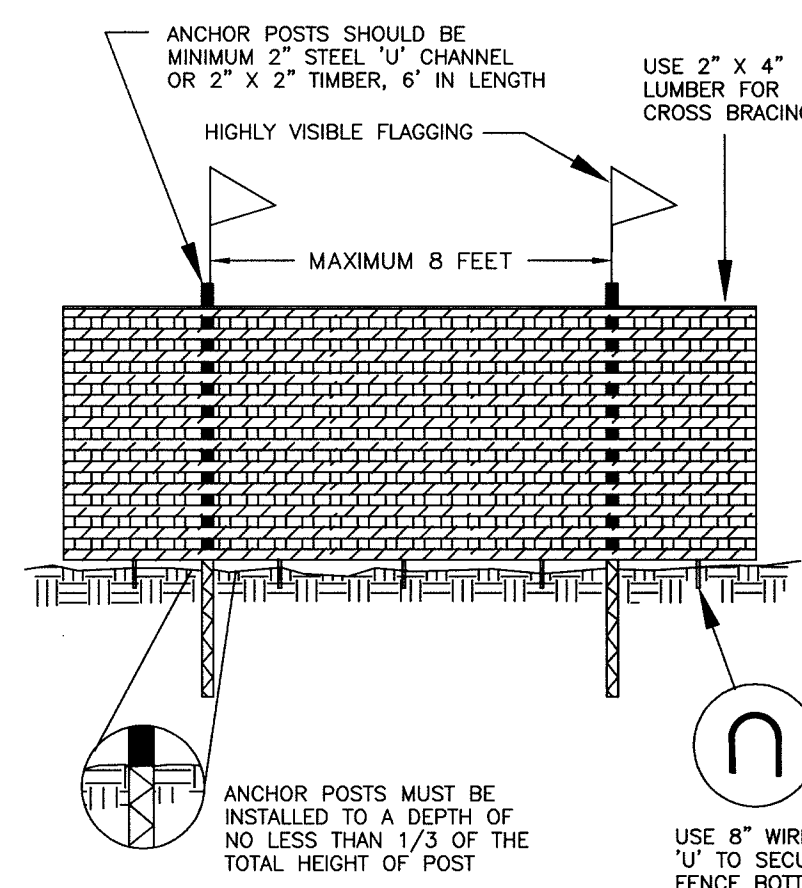
I. BASIC SITE DATA		ACRES
GROSS SITE AREA		3.39
AREA WITHIN 100 YEAR FLOODPLAIN		0.30
AREA WITHIN AGRICULTURAL USE OR PRESERVATION PARCEL		0.00
NET TRACT AREA		3.09
LAND USE CATEGORY	RESIDENTIAL - SUBURBAN	

B. REFORESTATION THRESHOLD (20%)	0.62
C. AFFORESTATION MINIMUM (15%)	0.46
D. EXISTING FOREST ON NET TRACT AREA	0.00
E. FOREST AREAS TO BE CLEARED	0.00
F. FOREST AREAS TO BE RETAINED	0.00

TOTAL AFFORESTATION REQUIRED	0.46
TOTAL AFFORESTATION PROVIDED	0.46

SIGNAGE DETAIL
NOT TO SCALE

BLAZE ORANGE PLASTIC MESH



NOTES

1. FOREST PROTECTION DEVICE ONLY.
2. RETENTION AREA WILL BE SET AS PART OF THE REVIEW PROCESS.
3. BOUNDARIES OF RETENTION AREA SHOULD BE STAKED AND FLAGGED PRIOR TO INSTALLING DEVICE.
4. ROOT DAMAGE SHOULD BE AVOIDED.
5. PROTECTIVE SIGNAGE MAY ALSO BE USED.
6. DEVICE SHOULD BE MAINTAINED THROUGHOUT CONSTRUCTION.

QTY.	SPECIES	SHADE TOL.	MOIST. REGIME	WET. STATUS	MIN.O.C. SPACING	SIZE & REMARKS
14	Acer rubrum Red Maple	VT	D-W	FAC	11'	CONT/B & 1" CALIPER
18	Cornus florida Flowering Dogwood	VT	D-M	FACU-	11'	CONT/B & 3'-5" HEIGH
14	Fagus grandifolia American Beech	VT	M	FACU	11'	CONT/B & 1" CALIPER
	Nyssa sylvatica Black Gum	T	M-W	FAC	11'	CONT/B & 1" CALIPER
18	Prunus serotina Wild Black Cherry	I	M	FACU	11'	CONT/B & 3'-5" HEIGH
14	Quercus rubra Red Oak	MT	D-M	UPL	11'	CONT/B & 1" CALIPER

NOTE : WHIPS OR SEEDLINGS MAY BE SUBSTITUTED FOR THE 1" CALIPER OR 3' - 5' TREES. IF WHIPS OR SEEDLINGS ARE TO BE USED, MULTIPLY THE QUANTITIES BY 3.5 TO DETERMINE THE NUMBER OF TREES REQUIRED.



SITE PREPARATION AND SOILS

1. PROTECTION FENCING IS TO BE INSTALLED AS A FIRST ORDER OF BUSINESS. SEE PLAN FOR LOCATIONS.
2. SOIL MIX SHALL BE LIMITED TO 5% SOIL MIX TO BE LIMITED TO THE PLANTING FIELD FOR EACH PLANT. AS SHOWN ON THE DETAIL VIEW, A PLANTING FIELD OF RADIUS = 5 X DIAMETER OF THE ROOT BALL OR CONTAINER.
3. SOIL MIX FOR ALL PLANTS EXCEPT ERICACEAE MATERIAL: SOIL MIX SHALL CONSIST OF EXISTING NATIVE TOPSOIL MIXTURE AT EACH PLANTING FIELD LOCATION TO WHICH THE CONTRACTOR SHALL THOROUGHLY INCORPORATE 25% BY VOLUME OF COMPOSTED SLUDGE.
4. SOIL MIX FOR ERICACEAE MATERIAL: SOIL MIX SHALL CONSIST OF EXISTING NATIVE TOPSOIL MIXTURE AT EACH PLANTING FIELD LOCATION TO WHICH THE CONTRACTOR SHALL THOROUGHLY INCORPORATE 25% BY VOLUME PEAT MOSS.
5. SOIL MIX SHALL BE LIMITED TO 5% SOIL MIX TO BE LIMITED TO CONTAINER GROWN OR BALL AND BURLAP STOCK ONLY AND CONFINED TO THE PLANTING FIELD.
6. IMMEDIATE ADJACENT SOIL SURFACE AREAS SHALL BE DONE TO THE SATISFACTION OF THE DISTRICT DEPUTY ENGINEER.

1. FOR CONTAINER GROWN NURSERY STOCK, PLANTING SHOULD OCCUR WITHIN 2 WEEKS AFTER DELIVERY TO THE SITE.
2. FOR BALL AND BURLAP NURSERY STOCK, PLANTING SHOULD OCCUR WITHIN THREE DAYS AFTER DELIVERY TO THE SITE.
3. ALL STOCK SHOULD BE PLANTED PRIOR TO PLANTING. PLANTS NOT CONFORMING TO STANDARD NURSERYMAN SPECIFICATIONS FOR SIZE, FORM, VIGOR, ROOTS, TRUNK WOUNDS, INSECTS AND DISEASE SHOULD BE REPLACED.
4. UNTIL PLANTED, A PLANT STOCK SHALL BE KEPT IN A SHADED, COOL, AND MOISTENED ENVIRONMENT.

1. THE PLANTING FIELD SHOULD BE PREPARED AS SPECIFIED (SEE DETAIL). NATIVE STOCKPILED SOILS SHOULD BE USED FOR SOIL MIX AND BACKFILL FOR PLANTING FIELD. AFTER PLANT INSTALLATION, BACKFILL EVENLY TO THE TOP OF THE PLANTING AREA TO AT LEAST 4 INCHES OF MULCH. WATER GENEROUSLY, TO SETTLE SOIL BACKFILLED AROUND TREES.
2. PLANTING FIELD SHOULD BE REDUCED OR PLANTING FIELD MOVED IF IT APPEARS THAT EXCESSIVE EXISTING ROOT DAMAGE MAY OCCUR DURING DIGGING OPERATION NEAR EXISTING FOREST.
3. ROOTS SHALL BE TAKEN CARE TO BE REMOVED OR CUT OFF TO CHOP THROUGH LARGER EXISTING ROOTS FROM EXISTING MATURE TREES. IF ROOTS GREATER THAN 1/2" INCH ARE ENCOUNTERED PLEASE TRY TO DIG AROUND THEM AS MUCH AS POSSIBLE TO MINIMIZE IMPACT TO EXISTING TREES. TO W/2"
4. CONTAINER GROWN STOCK SHOULD BE REMOVED FROM THE CONTAINER AND TREES GENTLY LOOSENED FROM THE SOIL. IF THE ROOTS ENIRCLE THE ROOT BALL, SUBMIT PHOTOGRAPH OF THE ROOTS. IF THE ROOTS ARE J-SHAPED OR KINKED ROOT SYSTEMS SHOULD ALSO BE NOTED. ROOTS MAY NOT BE TRIMMED ON SITE, DUE TO THE INCREASED CHANCES OF THE ROOTS BEING THE DISEASED.
5. FOR BALL AND BURLAP STOCK, PLACE TREE IN PREPARED PLANTING FIELD AND REMOVE WIRE AND/OR STRING FROM ROOT BALL. THEN PEEL MULCH TO EXPOSE THE ROOT BALL. REMOVE MULCH FROM THE ROOT BALL WITH TOPSOIL MIXTURE INDICATED ABOVE AND WATER GENEROUSLY. FOR TREES PLANTED IN THE AFFORESTATION AREA, CONTRACTOR SHALL BE RESPONSIBLE FOR DISPERSE MULCH TO THE SURROUNDING (S) PER SPECIES. OVER THE ENTIRE DESIGNATED AREA TO BE PLANTED WHILE MAINTAINING AN AVERAGE RANDOM SPACING OF INDIVIDUAL TREES AT PROPER SPACING INDICATED ON PLANT LIST.
6. PLANTING IN THE AFFORESTATION AREA. TREES SHALL BE PLANTED ON AN AVERAGE SPACING AS INDICATED ON PLANT LISTS TO OBTAIN A MORE NATURAL APPEARANCE.
7. AFTER PLANTING TREES BEGINNING AS MUCH AS ONCE A WEEK FOR THE ENTIRE GROWING SEASON, DUE TO THE VERY DEEP, WELL DRAINED NATURE OF THE NATIVE SOILS FOUND ON THIS SITE COMBINED WITH THE LOOSELY SETTLED SOILS BACKFILLED TO THE PLANTING FIELD THE NEXT TWO YEARS MAY REQUIRE WATERING ONLY A FEW TIMES A YEAR DURING SUMMER AND DRY MONTHS. AFTER THAT PERIOD, TREES SHOULD RECEIVE WATER ONLY WHEN THERE IS NO RAINFALL. WATERING PLAN SHOULD COMPENSATE FOR RECENT RAINFALL PATTERNS.

1. DO NOT FERTILIZE NEWLY PLANTED TREES WITHIN THE FIRST GROWING SEASON AFTER PLANTING. DOING SO MAY CAUSE A SPURT OF CANOPY GROWTH WHICH THE ROOTS CANNOT SUPPORT AND ADD ADDITIONAL SHOCK TO THE ALREADY DISTURBED PLANT.
2. NOTHING SHOULD BE ADDED TO THE SOIL WITHOUT TESTING IT FIRST TO DETERMINE ITS NEEDS.
3. IF AND WHEN IT IS TIME TO FERTILIZE, ORGANIC FERTILIZERS ARE PREFERRED TO SYNTHETIC FERTILIZERS. BONE MEAL OR SEAWED BASED PRODUCTS ARE AVAILABLE COMMERCIALY AND ARE RECOMMENDED. THEY ARE APPLIED BY THE AGENTS TO THE PLANT AS NEEDED WHILE MINIMIZING THE RISK OF EXCESS NUTRIENTS ENTERING THE FOREST SYSTEM AND WATER SUPPLY.

1. ANNUAL MAINTENANCE DURING THE GROWING SEASON, FOR A THREE YEAR PERIOD.
2. AVOID TREE MORTALITY OF PLANTING STOCK, REMOVE AND REPLACE ANY DEAD OR DISEASED PLANTINGS.
3. VOLUNTEER SEEDING OF NATIVE, LOCAL AND ENDEMIC VEGETATION IS TO BE PROMOTED. HOWEVER, ANY SUCH EFFORT UNLESS IT IS NEGATIVELY EFFECTING THE PLANTED STOCK.
4. REMOVE THROUGH MANUAL MEANS (GRUBBING, PULLING, CUTTING) ALL WEEDS, NOXIOUS, NON-NATIVE SPECIES, AND INVASIVE SPECIES OF VEGETATION WITHIN A 3-FOOT RADIUS SURROUNDING THE PLANTED WOODY NURSERY STOCK.
5. REMOVE ALL MAN-MADE TRASH, INCLUDING ITEMS CONTAINED WITHIN ENTIRE PLANTING AREA. DO NOT REMOVE DOWN AND DEAD MATERIAL NATURALLY OCCURRING OR ACCUMULATING, UNLESS IT IS AFFECTING PLANTED STOCK.
6. A 75 PERCENT SURVIVAL OF PLANTED STOCK MUST BE ACHIEVED AT THE END OF THE 24 MONTH PERIOD. IF A LOWER PERCENTAGE OF PLANTINGS WILL BE REQUIRED TO ACHIEVE THIS GOAL.

1. ALL FOREST CONSERVATION ACTIVITIES SHALL BE DONE UNDER THE DIRECT SUPERVISION OF SOMEONE FROM THE DESIGN TEAM OR OTHER "QUALIFIED PROFESSIONAL" AS DETERMINED BY THE REQUIREMENTS OF COMAR 08.19.06.01 AND THE MARYLAND DEPARTMENT OF NATURAL RESOURCES, PUBLIC LANDS AND FORESTRY DIVISION.

MD DNR QUALIFIED PROFESSIONAL

OWNER/DEVELOPER

ELLICOTT CITY, MARYLAND 21043-6639

N 569,750
E 1,368,000**LEGEND**

- PRIVATE INGRESS/EGRESS EASEMENT FOR LOT 2
- WETLANDS
- 15% TO 25% SLOPES
- LAND DEDICATED TO HOWARD COUNTY FOR THE PURPOSE OF A PUBLIC ROAD
- FOREST CONSERVATION SIGNAGE

N 569,750
E 1,368,000

NOTE: THIS PLAN IS TO BE USED FOR FOREST CONSERVATION PURPOSES ONLY.

NOTE:

THE EXISTING PLANT MATERIAL ON-SITE DOES NOT MEET THE REQUIREMENTS TO BE CONSIDERED A FOREST STAND. THIS PLAN IS BASED ON THE AFFORESTATION MINIMUM. FOREST CONSERVATION EASEMENT A, WHICH CONTAINS 0.46 ACRES OF AFFORESTATION, WAS ESTABLISHED TO MEET THE FOREST CONSERVATION OBLIGATIONS FOR THIS PROPERTY. FINANCIAL SURETY IN THE AMOUNT OF \$6,011.28 WAS PROVIDED AS PART OF THE DPW DEVELOPER'S AGREEMENT.

FOREST CONSERVATION DATA

I. BASIC SITE DATA	ACRES
GROSS SITE AREA	3.26
AREA WITHIN 100 YEAR FLOODPLAIN	0.30
AREA WITHIN AGRICULTURAL USE OR PRESERVATION PARCEL	0.00
NET TRACT AREA	2.96
LAND USE CATEGORY	RESIDENTIAL - SUBURBAN
II. FOREST CONSERVATION WORKSHEET DATA SUMMARY	
B. REFORESTATION THRESHOLD (20%)	0.59
C. AFFORESTATION MINIMUM (15%)	0.44
D. EXISTING FOREST ON NET TRACT AREA	0.00
E. FOREST AREAS TO BE CLEARED	0.00
F. FOREST AREAS TO BE RETAINED	0.00
V. AFFORESTATION CALCULATIONS	
TOTAL AFFORESTATION REQUIRED	0.44
TOTAL AFFORESTATION PROVIDED	0.46

VICINITY MAP
SCALE 1"=1000'**PLANTING SPECIFICATIONS AND NOTES****SITE PREPARATION AND SOILS**

- PROTECTION FENCING IS TO BE INSTALLED AS A FIRST ORDER OF BUSINESS. SEE PLAN FOR LOCATIONS.
- DISTURBANCE OF SOILS SHOULD BE LIMITED TO THE PLANTING FIELD FOR EACH PLANT. AS SHOWN ON THE DETAIL VIEW, A PLANTING FIELD OF RADIUS = 5 X DIAMETER OF THE ROOT BALL OR CONTAINER IS RECOMMENDED.
- SOIL MIX FOR ALL PLANTS EXCEPT ERICACEOUS MATERIAL: SOIL MIX SHALL CONSIST OF EXISTING NATIVE TOPSOIL MIXTURE AT EACH PLANTING FIELD LOCATION INTO WHICH THE CONTRACTOR SHALL THOROUGHLY INCORPORATE 25% BY VOLUME OF COMPOSTED SUEDE.
- SOIL MIX FOR ERICACEOUS MATERIAL: SOIL MIX SHALL CONSIST OF EXISTING NATIVE TOPSOIL MIXTURE AT EACH PLANTING FIELD LOCATION INTO WHICH THE CONTRACTOR SHALL THOROUGHLY INCORPORATE 25% BY VOLUME PEAT MOSS.
- ALL MIXING IN 3 AND 4 SHALL BE LIMITED TO CONTAINER GROWN OR BALL AND BURLAP STOCK ONLY AND CONFINED TO THE PLANTING FIELD AND IMMEDIATE ADJACENT SOIL SURFACE AREA AND SHALL BE DONE TO THE SATISFACTION OF THE DESIGN TEAM OR ENGINEER.

PLANT STORAGE AND INSPECTION

- FOR CONTAINER GROWN NURSERY STOCK, PLANTING SHOULD OCCUR WITHIN 2 WEEKS AFTER DELIVERY TO THE SITE.
- FOR BALL AND BURLAP NURSERY STOCK, PLANTING SHOULD OCCUR WITHIN THREE DAYS AFTER DELIVERY TO THE SITE.
- PLANTING STOCK SHOULD BE INSPECTED PRIOR TO PLANTING. PLANTS NOT CONFORMING TO STANDARD NURSERYMAN SPECIFICATIONS FOR SIZE, FORM, VIGOR, ROOTS, TRUNK WOUNDS, INSECTS AND DISEASE SHOULD BE REPLACED.
- UNTIL PLANTED, ALL PLANT STOCK SHALL BE KEPT IN A SHADED, COOL, AND MOISTENED ENVIRONMENT.

PLANT INSTALLATION

- THE PLANTING FIELD SHOULD BE PREPARED AS SPECIFIED (SEE DETAIL). NATIVE STOCKPILED SOILS SHOULD BE USED FOR SOIL MIX AND BACKFILL FOR PLANTING FIELD. AFTER PLANT INSTALLATION, RAKE SOILS EVENLY OVER THE PLANTING FIELD AND COVER WITH AT LEAST 4 INCHES OF MULCH. WATER, GENEROUSLY, TO SETTLE SOIL BACKFILLED AROUND TREES.
- PLANTING FIELD DIAMETERS SHOULD BE REDUCED OR PLANTING FIELD MOVED IF IT APPEARS THAT EXCESSIVE EXISTING ROOT DAMAGE MAY OCCUR DURING DIGGING OPERATION NEAR EXISTING FOREST.
- CARE SHALL BE TAKEN WHEN DIGGING PLANTING FIELDS NOT TO CHOP THROUGH LARGER EXISTING ROOTS FROM EXISTING MATURE TREES. IF ROOTS GREATER THAN 1/2 INCH ARE ENCOUNTERED PLEASE TRY TO DIG AROUND THEM AS MUCH AS POSSIBLE TO MINIMIZE IMPACT TO EXISTING TREES. THEY WERE HERE FIRST.
- CONTAINER GROWN STOCK SHOULD BE REMOVED FROM THE CONTAINER AND ROOTS GENTLY LOOSENED FROM THE SOIL. IF THE ROOTS ENIRCLE THE ROOT BALL, SUBSTITUTION IS STRONGLY RECOMMENDED. J-SHAPED OR KINKED ROOT SYSTEMS SHOULD ALSO BE NOTED. ROOTS OF WAY NOT BE TRIMMED ON SITE, DUE TO THE INCREASED CHANCES OF SOIL BORNE DISEASES.
- FOR BALL AND BURLAP STOCK, PLACE TREE IN PREPARED PLANTING FIELD AND REMOVE WIRE AND/OR STRING FROM ROOT BALL. THEN PEEL BACK BURLAP TO BASE OF ROOT BALL AND COVER ENTIRE ROOT BALL WITH TOPSOIL MIXTURE INDICATED ABOVE AND WATER GENEROUSLY.
- FOR TREES PLANTED IN THE AFFORESTATION AREA, CONTRACTOR SHALL EVENLY DISPERSE SPECIES IN GROUPS OF TWO (2) TO FIVE (5), PER SPECIES, OVER THE ENTIRE DESIGNATED AREA TO BE PLANTED WHILE MAINTAINING AN AVERAGE RANDOM SPACING OF INDIVIDUAL TREES AT PROPER SPACING INDICATED ON PLANT LIST.
- AVOID PLANTING IN A STRAIGHT GRID PATTERN. TREES SHALL BE PLANTED ON AN AVERAGE SPACING AS INDICATED ON PLANT LISTS TO OBTAIN A MORE NATURAL APPEARANCE.
- NEWLY PLANTED TREES MAY NEED WATERING AS MUCH AS ONCE A WEEK FOR THE ENTIRE GROWING SEASON, DUE TO THE VERY DEEP, WELL DRAINED NATURE OF THE NATIVE SOILS FOUND ON THIS SITE COMBINED WITH THE LOOSENESS OF THE BACKFILLED AREA WITHIN THE PLANTING FIELD. THE NEXT TWO YEARS MAY REQUIRE WATERING ONLY A FEW TIMES A YEAR DURING SUMMER AND DRY MONTHS. AFTER THAT PERIOD, TREES SHOULD ONLY NEED WATER IN SEVERE DROUGHTS. ANY WATERING PLAN SHOULD COMPENSATE FOR RECENT RAINFALL PATTERNS.

FERTILIZING

- DO NOT FERTILIZE NEWLY PLANTED TREES WITHIN THE FIRST GROWING SEASON AFTER PLANTING. DOING SO MAY CAUSE A SPURT OF CANOPY GROWTH WHICH THE ROOTS CANNOT SUPPORT AND ADD ADDITIONAL SHOCK TO THE ALREADY DISTURBED PLANT.
- NOTHING SHOULD BE ADDED TO THE SOIL WITHOUT TESTING IT FIRST TO DETERMINE ITS NEEDS.
- IF AND WHEN IT IS TIME TO FERTILIZE, ORGANIC FERTILIZERS ARE PREFERRED TO SYNTHETIC FERTILIZERS. BONE MEAL OR SEAWED BASED PRODUCTS ARE AVAILABLE COMMERCIALY AND ARE RECOMMENDED. THEY HAVE THE ABILITY TO SUPPLY NUTRIENTS TO THE PLANT AS NEEDED WHILE MINIMIZING THE RISK OF EXCESS NUTRIENTS ENTERING THE FOREST SYSTEM AND WATER SUPPLY.

MAINTENANCE SCHEDULE

- ANNUAL MAINTENANCE DURING THE GROWING SEASON, FOR A THREE YEAR PERIOD.
- ASSESS TREE MORTALITY OF PLANTING STOCK, REMOVE AND REPLACE ANY DEAD OR DISEASED PLANTINGS.
- VOLUNTEER SEEDING OF NATIVE, LOCAL AND ENDEMIC VEGETATION IS TO BE EXPECTED. DO NOT DISCOURAGE THIS EFFORT UNLESS IT IS NEGATIVELY EFFECTING THE PLANTED STOCK.
- REMOVE THROUGH MANUAL MEANS (GRUBBING, PULLING, CUTTING) AGGRESSIVE, NOXIOUS, INVASIVE SPECIES AND ALL HERBACEOUS VEGETATION WITHIN A 3-FOOT RADIUS SURROUNDING THE PLANTED WOODY NURSERY STOCK.
- REMOVE AND DISPOSE OF MAN-MADE TRASH, INCLUDING ITEMS CONTAINED WITHIN ENTIRE PLANTING AREA. DO NOT REMOVE DOWN AND DEAD MATERIAL NATURALLY OCCURRING OR ACCUMULATING, UNLESS IT IS SMOTHERING PLANTING STOCK.
- A 75 PERCENT SURVIVAL OF PLANTED STOCK MUST BE ACHIEVED AT THE END OF THE 24 MONTH MANAGEMENT PERIOD. IF NOT, ADDITIONAL PLANTINGS MAY BE REQUIRED TO ACHIEVE THIS GOAL.

SUPERVISION

- ALL FOREST CONSERVATION ACTIVITIES SHALL BE DONE UNDER THE DIRECT SUPERVISION OF SOMEONE FROM THE DESIGN TEAM OR OTHER QUALIFIED PROFESSIONAL AS DETERMINED BY THE REQUIREMENTS OF COMAR 08.19.06.01 AND THE MARYLAND DEPARTMENT OF NATURAL RESOURCES, PUBLIC LANDS AND FORESTRY DIVISION.

MD DNR QUALIFIED PROFESSIONAL

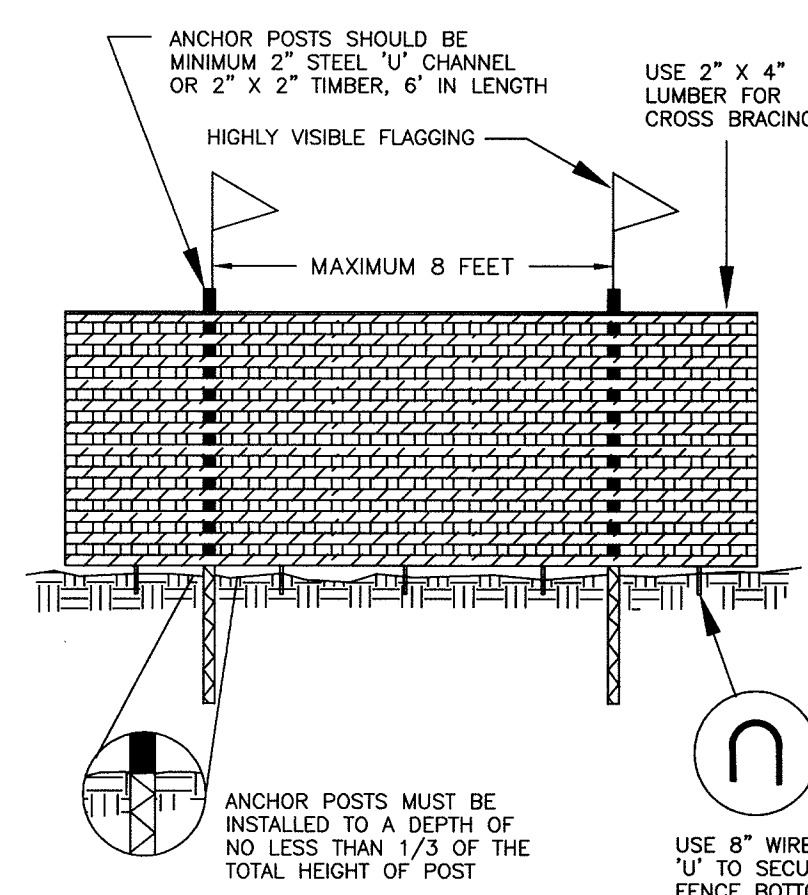
Stephanie Demchik
STEPHANIE DEMCHIK

OWNER/DEVELOPER

ROBERT A. WILDMAN & ROSE E. WILDMAN
8436 HORSESHOE ROAD
ELICOTT CITY, MARYLAND 21043-6639

FOREST CONSERVATION AREA
AFFORESTATION PROJECT

TREES FOR YOUR FUTURE

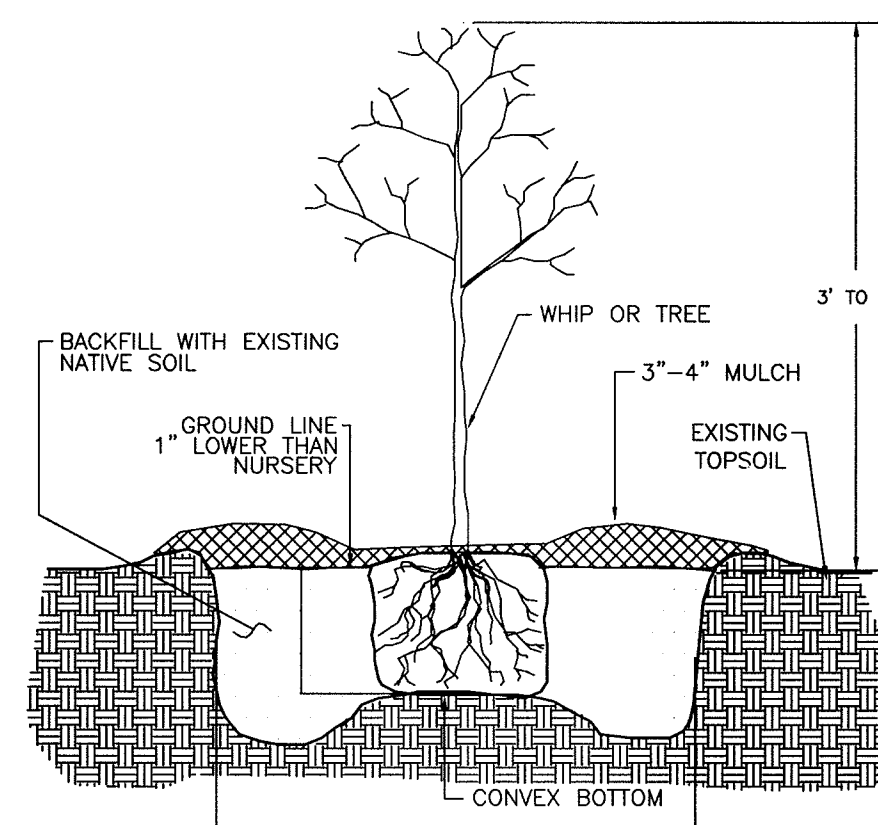
SIGNAGE DETAIL
NOT TO SCALE**PROTECTIVE FENCE DETAIL****BLAZE ORANGE PLASTIC MESH**

- NOTES:
- FOREST PROTECTION DEVICE ONLY.
 - RETENTION AREA WILL BE SET AS PART OF THE REVIEW PROCESS.
 - BOUNDARIES OF RETENTION AREA SHOULD BE STAKED AND FLAGGED PRIOR TO INSTALLING DEVICE.
 - ROOT DAMAGE SHOULD BE AVOIDED.
 - PROTECTIVE SIGNAGE MAY ALSO BE USED.
 - DEVICE SHOULD BE MAINTAINED THROUGHOUT CONSTRUCTION.

AFFORESTATION PLANT LISTS

QTY.	SPECIES	SHADE TOL.	MOIST. REGIME	WET. STATUS	MIN.O.C.	SIZE & SPACING	REMARKS
14	Acer rubrum Red Maple	VT	D-W	FAC	11"	CONT/B & B 1" CALIPER	
18	Cornus florida Flowering Dogwood	VT	D-M	FACU	11"	CONT/B & B 3'-5' HEIGHT	
14	Fagus grandifolia American Beech	VT	M	FACU	11"	CONT/B & B 1" CALIPER	
14	Nyssa sylvatica Black Gum	T	M-W	FAC	11"	CONT/B & B 1" CALIPER	
18	Prunus serotina Wild Black Cherry	I	M	FACU	11"	CONT/B & B 3'-5' HEIGHT	
14	Quercus rubra Red Oak	MT	D-M	UPL	11"	CONT/B & B 1" CALIPER	
TOTAL							
92	TREES						

NOTE: WHIPS OR SEEDLINGS MAY BE SUBSTITUTED FOR THE 1" CALIPER OR 3' - 5' TREES. IF WHIPS OR SEEDLINGS ARE TO BE USED, MULTIPLY THE QUANTITIES BY 3.5 TO DETERMINE THE NUMBER OF TREES REQUIRED.

**TREE PLANTING DETAIL**

CONTAINER GROWN

APPROVED: DEPARTMENT OF PLANNING AND ZONING

Robert Black
CHIEF, DIVISION OF LAND DEVELOPMENT

9/6/00

DATE

William J. ...
CHIEF, DEVELOPMENT ENGINEERING DIVISION

9/5/00

DATE

SOILS DESCRIPTION

SYMBOL	DESCRIPTION
BrC3	BRANDYWINE LOAM, 8% TO 15% SLOPES, SEVERELY ERODED --- TYPE C
BrD3	BRANDYWINE LOAM, 15% TO 25% SLOPES, SEVERELY ERODED --- TYPE C
CmB2	CHILLUM SILT LOAM, 1% TO 5% SLOPES, MODERATELY ERODED --- TYPE B
Fa	FALLSINGTON LOAM --- TYPE D
NeB2	NESHAMINY SILT LOAM, 3% TO 8% SLOPES, MODERATELY ERODED --- TYPE B